

ATTACHMENT 16
DATA REQUEST NO. 61

REVISED TABLE 3.12-1
(LORS RELATED TO FACILITY DESIGN)

RESPONSE TO DATA REQUESTS
MARCH 8, 2001

TABLE 3.12-1

LORS RELATED TO FACILITY DESIGN

LORS	Applicability	Conformance (section)
Need for Facility Demand Conformance		Section 2.0, Project Objectives
Federal		
<i>None applicable.</i>		
State		
<i>None applicable.</i>		
Local		
<i>None applicable.</i>		
Project Siting and Construction		
Federal		
Uniform Building Code,	Incorporated in and is superseded by the California Building Code (CBC), 1998.	Section 5.3, Geologic Hazards and Resources
State		
Cal. PRC 2690-2699.6 and 25523(a); 14 CCR § 3270 – 3725; 20 CCR § 1752(b) & (c).	Protect environment quality and assure public health.	Section 3.4.5.16
State Fire Marshall	Boiler and Pressure Vessel Code Inspection	Appendix A-F
Local		
California Building Code (CBC) Appendix Chapter 33.	Control excavation, grading, and construction, to safeguard life and property welfare.	Sections 3.3.3.4, 5.3, 5.4 and 5.5
El Segundo Improvement Standards	Meet Design Criteria	Section 3.5, Facility Civil/Structural Features
Industry		
“Foundations and Civil Engineering Design Criteria”	Meet design criteria.	Appendix A
“Structural and Seismic Engineering Design Criteria” (Appendix D).	Meet design criteria.	Appendix D

**TABLE 3.12-1
(CONTINUED)**

LORS	Applicability	Conformance (section)
“Mechanical Engineering Design Criteria” (Appendix C) and “Control Systems Engineering Design Criteria” (Appendix D).	Meet design criteria.	Appendix C, Appendix D
“Control Systems Engineering Design Criteria” (Appendix D) and “Electrical Engineering Design Criteria” (Appendix E).	Meet design criteria.	Appendix D, Appendix E
Project Design and Operation		
Federal		
Occupational Health & Safety Act of 1970 (OSHA), 29 USC 651 et seq.; 29 CFR 1910 et seq.; and 29 CFR 1926 et seq.	Meet employee health and safety standards for employer-employee communications, electrical operations, and chemical exposures.	Section 5.16.4.1
Department of Labor, Safety and Health Regulations for Construction Promulgated Under Section 333 of the Contract Work Hours and Safety Standards Act, 40 USC 327 et seq.	Meet employee health and safety standards for construction activities. Requirements addressed by CCR Title 8, General Construction Safety Orders.	Section 5.16.4.1
Uniform Fire Code, Article 80, 79, 4.	Meet requirements for the storage and handling of hazardous materials (Article 80), flammable and combustible liquids (Article 79), and for obtaining permits (Article 4).	Section 5.16.4.1
National Fire Protection Association (See Table 7.4-1 for list of standards).	Meet standards necessary to establish a reasonable level of safety and property protection from the hazards created by fire and explosion.	Section 5.16.4.1
14 CFR Part 77, “Objects Affecting Navigable Airspace.”	Completion of “Notice of Proposed Construction or Alteration” (NCPA), FAA Form 7460-1H.	Section 3.6, Transmission Facilities; Section 4.2, Transmission Line Safety and Nuisance
Advisory Circular No. 70/7460, “Obstruction Marking and Lighting.”	Meet FAA standards for marking and lighting of obstructions as identified by FAR Part 77.	Section 5.9

**TABLE 3.12-1
(CONTINUED)**

LORS	Applicability	Conformance (section)
Advisory Circular 70/7460-2I, "Proposed Construction or Alteration of Objects that May Affect the Navigable Airspace."	Notify FAA prior to construction, as appropriate.	Section 5.9
14 CFR Part 91 "Air Traffic and General Operating and Flight Rules."	Comply with restrictions governing the operation of aircraft, including helicopters.	Section 5.9
49 USC § 1348, Subdivision (a).	Comply with Secretary of Transportation policy regarding safety of aircraft and utilization of airspace.	Section 5.9
47 CFR § 15.25, "Operating Requirements, Incidental Radiation."	Mitigation for any device that causes communications interference.	Sections 3.5 and 5.18
Title 49 CFR, Part 192-Transportation of Natural and Other Gas by Pipeline	Construction must conform to DOT standards.	Section 3.7, Pipelines
State		
California Code of Regulations, Title 8.	Meet requirements for a safe and hazard-free working environment. Categories of requirements include General Industry Safety Orders, General Construction Safety Orders, Electrical Safety Orders.	Section 5.16.4.2
California Clean Air Act, California Health & Safety Code 39650 et seq.	Meet requirements for Best Available Control Technology to minimize exposure limits to toxic air pollutants and possible risk assessments for carcinogen pollutants.	Section 5.16.4.2
California Public Resources Code §25523(a); 20CCR §1752, 1752.5, 23002309 and Division 2, Chapter 5, Article 1, Appendix B Part (i), California Energy Commission CEC		Section 5.16.4.2

**TABLE 3.12-1
(CONTINUED)**

LORS	Applicability	Conformance (section)
California Health & Safety Code, Part 6, Section 44300 et seq.	Estimate emissions for listed air toxic pollutants and submit inventory to air district for major sources of criteria air pollutants. Follow-up from air district may require a health risk assessment.	Section 5.16.4.2
California Health and Safety Code §25500 to 25541; 19 CCR §§2720-2734.		Section 5.16.4.2
20 CCR, Appendix B, Subdiv. (a), (d) (g) and Subdiv. (a), (h), §§ 1741 through 1744 and § 1752 “Information Requirements for a Non-geothermal Application.”	Compliance with applicable laws for safety and reliability.	Each appropriate environmental section, for instance Section 5.6 for Biological Resources
Cal. Pub. Res. Code, § 25000 et seq., Warren-Alquist Act, § 25520 Subdivision (g).	Provide description of transmission line including the right of way.	Sections 3.3.3.4, 3.6 and 5.18
General Order 52(GO-52) CPUC, “Construction and Operation of Power and Communication Lines.”	Prevent or mitigate inductive interference.	Section 5.18 Appendix A-F
General Order 95 (GO-95) CPUC, “Rules for Overhead Electric Line Construction”.	Design and construct line in compliance with GO-95.	Section 5.18 Appendix A-F
Radio & Television Interference (RI/TVI) Criteria.	RI/TVI mitigation requirements if applicable.	Section 5.18 Appendix A-F
Local		
City of El Segundo Zoning Ordinance.	Provide safety setbacks as required by El Segundo Fire Department.	Section 5.9
City of El Segundo Municipal Code Title 6 Chapter 6.21	Provide implementation of the hazardous material inventory and emergency response program	Section 5.16.4.3
City of El Segundo Municipal Code	Various health, safety and environmental programs	Sections 3.4 – 3.10
City of El Segundo General Plan Element.	Design and construct in compliance with policies.	Sections 3.4 and 5.9
Standard specifications for Water Distribution Facilities.	Construction must conform to standards and related specifications.	Sections 3.4 and 5.5

**TABLE 3.12-1
(CONTINUED)**

LORS	Applicability	Conformance (section)
Standard Subdivision Improvement Agreement and Rule 15. None applicable.	Construction must conform to standards and related specifications.	N/A
Industry		
EPRI, NERC, various codes and standards for components.	EPRI and NERC trade associations guidelines will be followed.	Appendix A-F
Various	Industry codes and trade association standards are typically requirements of the manufacturers of equipment - see text (3.12.2) for partial listing.	Section 3.12.2 Appendix A-F
ANSI/AWWA C151/A21.5.	Construction must conform to standards and related specifications.	Section 3.4 and Appendix A-F